

SEP 15 2005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. .... 10/072,415  
Filing Date ..... February 5, 2002  
Inventor ..... Ji Lee et al.  
Assignee ..... Micron Technology, Inc.  
Group Art Unit ..... 2891  
Examiner ..... V. Yevsikov  
Confirmation No. .... 5182  
Customer No. .... 021567  
Attorney's Docket No. .... MI30-068  
Title: Field Effect Transistor Fabrication Methods, Field Emission Device Fabrication  
Methods, and Field Emission Device Operational Methods

RESPONSE TO JULY 15, 2005 OFFICE ACTION

To: Mail Stop AF  
Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

From: James D. Shaurette (Tel. 509-624-4276; Fax 509-838-3424)  
Wells, St. John, P.S.  
601 W. First Avenue, Suite 1300  
Spokane, WA 99201-3828

Sir:

Responsive to the Office Action dated July 15, 2005, Applicants amend and remark  
as follows:

AMENDMENTSRECEIVED  
OIPE/IAP

SEP 16 2005

09/16/2005 HTECKLU1 00000033 230925 10072415

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PTO/SB/17 (12-04v2)  
Approved for use through 07/31/2008. OMB 0851-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCEEffective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL**  
**For FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 600.00

**Complete if Known**

Application Number	10/072,415
Filing Date	Feb. 5, 2002
First Named Inventor	Ji Lee et al.
Examiner Name	V. Yevsikov
Art Unit	2891
Attorney Docket No.	MI30-068

**METHOD OF PAYMENT (check all that apply)**

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 23-0925 Deposit Account Name: Wells St. John, P.S.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES****Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Fee (\$)	Small Entity Fee (\$)
50	25
200	100
360	180

<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
35	- 20 or HP =	x	=

HP = highest number of total claims paid for, if greater than 20.

<b>Indep. Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
8	- 3 or HP =	3	x 200.00 = 600.00

HP = highest number of independent claims paid for, if greater than 3.

<b>Multiple Dependent Claims</b>
<b>Fee (\$)</b> <b>Fee Paid (\$)</b>

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
- 100 =	/ 50 =	(round up to a whole number) x	=	

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): \_\_\_\_\_

**Fees Paid (\$)****SUBMITTED BY**

Signature		Registration No. (Attorney/Agent) 39,833	Telephone 509.624.4276
Name (Print/Type)	James D. Shaurette	Date	9/15/05

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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**Mail Stop AF**  
**Assistant Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria VA 22313-1450**

**CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8**

I hereby certify that the following papers are being facsimile transmitted to the Patent and Trademark Office at (571) 273-8300 on the date shown below:

1. Response to 7/15/2005 Final Office Action
2. Transmittal Form (PTO/SB/21) & Fee Transmittal (PTO/SB/17)

Dated: 9/15/2005

By: 

Natalie King  
Telephone No. (509) 624-4276  
Facsimile No. (509) 838-3424

NUMBER OF PAGES IN FACSIMILE: 17

PTO/SB/21 (03-03)

Approved for use through 04/30/2003. OMB 0651-0031

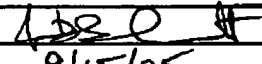
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

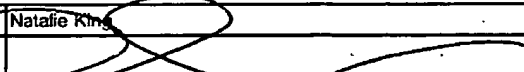
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/072,415
	Filing Date	Feb. 5, 2002
	First Named Inventor	Ji Ung Lee et al.
	Art Unit	2891
	Examiner Name	V. Yevsikov
Total Number of Pages in This Submission	Attorney Docket Number	MI30-068

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to a Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input checked="" type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual	James D. Shauratte, Reg. No. 39,833 Wells St. John, P.S.
Signature	
Date	9/15/05

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: September 15, 2005	
Typed or printed	Natalie King
Signature	
Date	9/15/05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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